



MODEL
53i, 55i, 57i, 57i CT

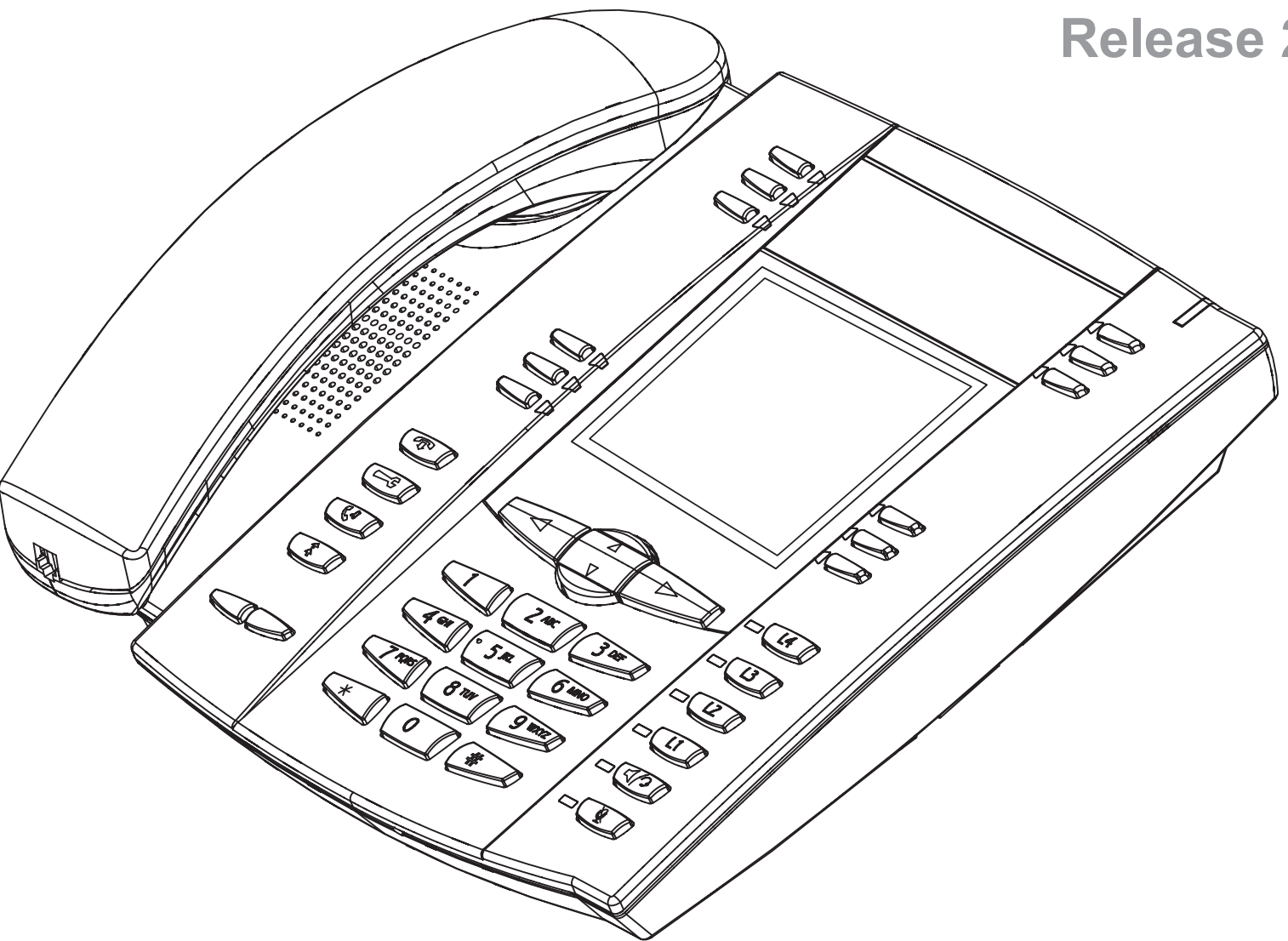
SIP IP PHONE

RN-001029-00

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Release Note

Release 2.0



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SIP IP Phone Models 53i, 55i, 57i, and 57i CT Release Note 2.0

About this Document

This document provides an introduction to Aastra's new 5i Series IP phones (53i, 55i, 57i, and 57i CT), Release 2.0. It also provides a brief overview of the features on each phone and optional equipment that may be purchased to work with the IP phones.

For more detailed information about the features associated with each phone, and for information on how to use the phones, see your phone-specific *SIP IP Phone Installation Guide* and the *SIP IP Phone User Guide*. For detailed information about more advanced features, see the *SIP IP Phone Administrator Guide*.

Topics in this release note include:

- [General Information](#)
(release content, hardware supported, bootloader requirements)
- [IP Phone Models](#)
- [Optional Equipment \(for 55i, 57i, and 57i CT only\)](#)
- [Contacting Aastra Telecom Support](#)
- [Contacting Aastra Telecom Support](#)

General Information

Release Content Information

This document provides release content information on the Aastra 53i, 55i, 57i, and 57i CT SIP IP phone firmware.

Model	Release Name	Release Version	Release Filename	Release Date
53i	Generic SIP	2.0	FC-001086-00-01	February 2007
55i	Generic SIP	2.0	FC-001087-00-01	February 2007
57i	Generic SIP	2.0	FC-001088-00-01	February 2007
57i CT	Generic SIP	2.0	FC-001089-00-01	February 2007

Hardware Supported

This release of firmware is compatible with the following Aastra IP portfolio products:

- 53i
- 55i
- 57i
- 57i CT

Bootloader Requirements

This release of firmware is compatible with the following Aastra IP portfolio product bootloader versions:

- 53i - Bootloader 2.0.1.1055 or higher
- 55i - Bootloader 2.0.1.1055 or higher
- 57i - Bootloader 2.0.1.1055 or higher
- 57i CT - Bootloader 2.0.1.1055 or higher

IP Phone Models

Congratulations on your purchase of Aastra's new release of the 5i Series IP Phones (53i, 55i, 57i, and 57i CT)!

The IP Phone Models 53i, 55i, 57i, and 57i CT are multi-line open-standards desktop phones that communicate over an IP network allowing you to receive and place calls in the same manner as a regular business telephone.

The Aastra 53i is designed for use by the occasional users to the power users. The Aastra 55i is designed for the power users and executives who require a graphical display for advanced XML applications. The Aastra 57i is designed for the power users and executives who require a *large* graphical display for advanced XML applications. The Aastra 57i CT is designed for the power users, executives, and warehouse, support, and retail staff who require mobility within a single site facility. It includes an integrated WDCT cordless mobility handset for coverage of up to 300,000 square feet.

Built on Aastra's global form factor, the 5i Series IP phones maintain the same quality and features that you are accustomed to with our existing IP phone family - *benefits without the compromise*.



Model 53i IP Phone

Model 53i SIP IP phone offers the following features:

- 3-line LCD screen
- 6 top keys: programmable hard keys (up to 6 programmable functions)
- 3 call appearance lines with LEDs
- Supports up to 9 call lines
- Full-duplex speakerphone for handsfree calls
- Headset support (modular connector)
- Built-in two-port, 10/100 Ethernet switch - lets you share a connection with your computer
- Inline power support (based on 802.3af standard) which eliminates power adapters.
- AC power adapter (included)
- Enhanced busy lamp fields*
- Set paging*

*Availability of feature dependant on your phone system or service provider.

Model 55i IP Phone



Model 55i SIP IP phone offers the following features:

- 8 line graphical LCD screen (144 x 75 pixels) with white backlight
- 12 programmable keys
 - 6 Top keys: programmable hard keys (up to 6 programmable functions)
 - 6 Bottom keys: programmable state-based softkeys (up to 20 programmable functions)
- 4 call appearance lines with LEDs
- Supports up to 9 call lines
- Full-duplex speakerphone for handsfree calls
- Headset support (modular connector)
- Built-in-two-port, 10/100 Ethernet switch - lets you share a connection with your computer.
- Inline power support (based on 802.3af standard) which eliminates power adapters.
- AC power adapter (included)
- Enhanced busy lamp fields*
- Set paging*

*Availability of feature dependant on your phone system or service provider.

Model 57i IP Phone



Model 57i SIP IP phone offers the following features:

- 11 line graphical LCD screen (144 x 128 pixels) with white backlight
- 12 multi-functional softkeys
 - 6 Top Keys: programmable static softkeys (up to 10 programmable functions)
 - 6 Bottom Keys: programmable state-based softkeys (up to 20 programmable functions)
- 4 call appearance lines with LEDs
- Supports up to 9 call lines
- Full-duplex speakerphone for handsfree calls
- Headset support (modular connector)
- Built-in-two-port, 10/100 Ethernet switch - lets you share a connection with your computer.
- Inline power support (based on 802.3af standard) which eliminates power adapters.
- AC power adapter (included)
- Enhanced busy lamp fields*
- Set paging*

*Availability of feature dependant on your phone system or service provider.

Model 57i CT IP Phone



Model 57i CT SIP IP phone offers the following features:

Base Unit

- 11 line graphical LCD screen (144 x 128 pixels) with white backlight
- 12 multi-functional softkeys
 - 6 Top Keys: programmable static softkeys (up to 10 programmable functions)
 - 6 Bottom Keys: programmable state-based softkeys (up to 20 programmable functions)
- 4 call appearance lines with LEDs
- Supports up to 9 call lines
- Full-duplex speakerphone for handsfree calls
- Headset support (modular connector)
- Built-in-two-port, 10/100 Ethernet switch - lets you share a connection with your computer.
- Inline power support (based on 802.3af standard) which eliminates power adapters.
- AC power adapter (included)
- Enhanced busy lamp fields*
- Set paging*
- Cordless Handset and Charging Base

Cordless Handset Features

- 5 line backlit display screen
- 2 multi-functional softkeys
- Programmable function key supports up to 14 functions
- Vibration Alarmer
- Headset Jack
- Desk charging stand

*Availability of feature dependant on your phone system or service provider.

Optional Equipment (for 55i, 57i, and 57i CT only)

Description

In addition to the release of the new IP phones, Aastra offers optional expansion modules you can attach to the 55i, 57i, or 57i CT IP phones to provide even more softkey capability. Aastra offers the following two expansion modules for your phone:

- 536EM - Provides an additional 36 softkeys (for 55i, 57i, and 57i CT)
- 560EM - Provides an additional 60 softkeys (for 57i and 57i CT only)

Up to 3 expansion modules can be piggy backed to a phone providing up to an additional 108 softkey capability on the 536EM, and up to an additional 180 softkey capability on the 560EM.

The Aastra 536EM and Aastra 560EM expansion modules cater to the telephone attendant application. It is designed for the receptionists, administrative assistants, call center agents, power users, and executives who need to monitor and manage large volume of calls on a regular basis. Built on our global form factor, the Aastra 536M and Aastra 560M supports the Aastra 50i Series of IP phones.

Functionally, both the Aastra 536EM and Aastra 560EM expansion modules support the same softkey feature set including speeddial, call appearance line, shared call and bridged line appearances, and Busy Lamp Field (BLF).

Building on the phones ease of use and deployment, the Aastra 536EM and Aastra 560EM expansion modules can be put into service quickly. The phone requires no new cabling, as both power and signaling are provided directly from the IP phone. You can configure the module keys centrally via the configuration file or manually via the Aastra Web UI.



**536EM
Expansion
Module**

Model 536EM Expansion Module (for all models)

The 536EM module adds 36 additional softkeys to the IP phone models 55i, 57i, and 57i CT. The 536EM provides paper labels for each softkey. Up to 3 modules can be piggy-backed to provide up to 108 additional softkeys for the phone.



**560EM
Expansion
Module**

Module 560EM Expansion Module (for 57i and 57i CT only)

The 560EM module adds 60 additional softkeys to the IP phone models 57i and 57i CT (using the 3 function keys on the bottom right of the unit). The 560EM module provides an LCD display for displaying softkey labels. Up to 3 modules can be piggy-backed to provide up to 180 additional softkeys for the phone.

Changes in 2.0.1, Build 2000

Description

This section describes the daylight savings time change on the IP phones. This change applies to all IP Phone models (53i, 55i, 57i, 57i CT).

Daylight Savings Time Change

The following table describes the change in Release 2.0.1, Build 2000.

Feature	Description
All Models	
New federally mandated Daylight Savings Time (DST) observance	This feature incorporates the new changes made to the United States DST into the IP phones.

New Federally Mandated Daylight Savings Time (DST) Observance

The Aastra IP Phones now incorporate the new federally mandated DST observance change. This change became affective starting in 2007.

The US has made a change to its daylight savings time observance starting in 2007. The Energy Policy Act of 2005 mandates that DST will now begin at 2:00 A.M. on the second Sunday in March and revert to Standard time on the first Sunday in November. In 2007, DST begins March 11th, 2007, and ends November 4th, 2007.






Note: In previous years, the DST began on the first Sunday of April and ended on the first Sunday of October.

The changes to daylight savings time applies to the U.S. and Canada, but may impact other countries outside North America.



Setting Time Zone and DST via IP Phone UI (User and Admin)

Use the following procedures to set time zone and daylight savings time on the IP phones using the IP Phone UI.

 IP Phone UI	
Step	Action
Set Time Zone	
1	Press  on the phone to enter the Options List.
2	Select Time and Date .
3	Select option Time Zone .
4	For 53i: Press * to display a list of Time Zone options.
5	Select a Time Zone from the list of options. For valid values, see "Time Zone Name/Time Zone Code Table" on page 15 of this release note. Note: The default Time Zone is US-Eastern .
6	Press Done to save the Time Zone you selected.
7	Press Done again to exit the Options Menu.
Set Daylight Savings Time	
1	Press  on the phone to enter the Options List.
2	Select Time and Date .
3	Select Daylight Savings .
4	Select a Daylight Savings time from the list of options. Valid values are: <ul style="list-style-type: none"> • OFF • 30 min summertime • 1 hr summertime • automatic Note: The default for Daylight Savings is Automatic . To disable the time zone and DST, set Daylight Savings to OFF .
5	Press Done to save the Daylight Savings value you selected.
6	Press Done again to exit the Options Menu.


Setting Time Zone and DST via Configuration Files (Admin only)

Use the following procedures to set time zone and daylight savings time on the IP phones using the configuration files.

 Configuration Files	
Step	Action
Set Time Zone	
1	Using a text-based editing application, open the <i><mac>.cfg</i> or <i>aastra.cfg</i> file.
2	<p>Enter the following parameters:</p> <pre>time zone name: <timezone name> time zone code: <time zone code></pre> <p>Notes:</p> <ol style="list-style-type: none">1. The default time zone name is US-Eastern. The default time zone code is EST.2. For information about each time zone parameter, see “Time Zone and DST Configuration File Parameters” on page page 13.3. For available time zone names and codes, see “Time Zone Name/Time Zone Code Table” on page 15.
3	Save the changes and close the <i><mac>.cfg</i> or the <i>aastra.cfg</i> file. You must restart the phone to apply the changes.
4	Press  on the phone to enter the Options List.
5	Select Phone Status .
6	Select Restart Phone and press Restart .
Set Daylight Savings Time	
1	Using a text-based editing application, open the <i><mac>.cfg</i> or <i>aastra.cfg</i> file.
2	<p>Enter the following parameter:</p> <pre>dst config: <0, 1, 2, or 3></pre> <p>Notes:</p> <ol style="list-style-type: none">1. The default DST is 3 (automatic).2. For information about valid values for DST, see “Time Zone and DST Configuration File Parameters” on page page 13.
3	Save the changes and close the <i><mac>.cfg</i> or the <i>aastra.cfg</i> file. You must restart the phone to apply the changes.



Configuration Files

Step	Action
4	Press  on the phone to enter the Options List.
5	Select Phone Status .
6	Select Restart Phone and press Restart .

Time Zone and DST Configuration File Parameters

Parameter – <i>dst config</i> <i>Daylight Savings</i> (in Phone UI)	IP phone UI Configuration Files Options->Time and Date->Daylight Savings aastra.cfg, <mac>.cfg
Description	Enables/disables the use of daylight savings time.
Format	Integer
Default Value	3
Range	0 - OFF 1 - 30 min summertime 2 - 1 hr summertime 3 - automatic
Example	dst config: 0

Parameter – <i>time zone name</i> <i>Time Zone</i> (in Phone UI)	IP phone UI Configuration Files Options->Time and Date->Time Zone aastra.cfg, <mac>.cfg
Description	Assigns a time zone name to the time server.
Format	Text
Default Value	US-Eastern
Range	See “Time Zone Name/Time Zone Code Table” below.
Example	time zone name: US-Central

Parameter – <i>time zone code</i> <i>Time Zone</i> (in Phone UI)	IP phone UI Configuration Files Options->Time and Date->Time Zone aastra.cfg, <mac>.cfg
Description	Assigns a time zone code to the time server.
Format	Text
Default Value	EST
Range	See “Time Zone Name/Time Zone Code Table” below.
Example	time zone code: CST

Time Zone Name/Time Zone Code Table

Time Zone Name	Time Zone Code
AD-Andorra	CET
AG-Antigua	AST
AI-Anguilla	AST
AL-Tirane	CET
AN-Curacao	AST
AR-Buenos Aires	ART
AS-Pago Pago	BST
AT-Vienna	CET
AU-Lord Howe	LHS
AU-Tasmania	EST
AU-Melbourne	EST
AU-Sydney	EST
AU-Broken Hill	CST
AU-Brisbane	EST
AU-Lindeman	EST
AU-Adelaide	CST
AU-Darwin	CST
AU-Perth	WST
AW-Aruba	AST
BA-Sarajevo	EET
BB-Barbados	AST
BE-Brussels	CET
BG-Sofia	EET
BM-Bermuda	AST
BO-La Paz	BOT
BR-Noronha	FNT
BR-Belem	BRT
BR-Fortaleza	BRT
BR-Recife	BRT
BR-Araguaina	BRS
BR-Maceio	BRT
BR-Sao Paulo	BRS
BR-Cuiaba	AMS
BR-Porto Velho	AMT
BR-Boa Vista	AMT
BR-Manaus	AMT
BR-Eirunepe	ACT
BR-Rio Branco	ACT
BS-Nassau	EST
BY-Minsk	EET
BZ-Belize	CST

Time Zone Name	Time Zone Code
CA-Newfoundland	NST
CA-Atlantic	AST
CA-Eastern	EST
CA-Saskatchewan	EST
CA-Central	CST
CA-Mountain	MST
CA-Pacific	PST
CA-Yukon	PST
CH-Zurich	CET
CK-Rarotonga	CKS
CL-Santiago	CLS
CL-Easter	EAS
CN-China	CST
CO-Bogota	COS
CR-Costa Rica	CST
CU-Havana	CST
CY-Nicosia	EES
CZ-Prague	CET
DE-Berlin	CET
DK-Copenhagen	CET
DM-Dominica	AST
DO-Santo Domingo	AST
EE-Tallinn	EET
ES-Madrid	CET
ES-Canary	WET
FI-Helsinki	EET
FJ-Fiji	NZT
FK-Stanley	FKS
FO-Faeroe	WET
FR-Paris	CET
GB-London	GMT
GB-Belfast	GMT
GD-Grenada	AST
GF-Cayenne	GFT
GI-Gibraltar	CET
GP-Guadeloupe	AST
GR-Athens	EET
GS-South Georgia	GST
GT-Guatemala	CST
GU-Guam	CST
GY-Guyana	GYT

Time Zone Name	Time Zone Code
HK-Hong Kong	HKS
HN-Tegucigalpa	CST
HR-Zagreb	CET
HT-Port-au-Prince	EST
HU-Budapest	CET
IE-Dublin	GMT
IS-Reykjavik	GMT
IT-Rome	CET
JM-Jamaica	EST
JP-Tokyo	JST
KY-Cayman	EST
LC-St Lucia	AST
LI-Vaduz	CET
LT-Vilnius	EET
LU-Luxembourg	CET
LV-Riga	EET
MC-Monaco	CET
MD-Chisinau	EET
MK-Skopje	CET
MQ-Martinique	AST
MS-Montserrat	AST
MT-Malta	CET
MX-Mexico City	CST
MX-Cancun	CST
MX-Merida	CST
MX-Monterrey	CST
MX-Mazatlan	MST
MX-Chihuahua	MST
MX-Hermosillo	MST
MX-Tijuana	PST
NI-Managua	CST
NL-Amsterdam	CET
NO-Oslo	CET
NR-Nauru	NRT
NU-Niue	NUT
NZ-Auckland	NZS
NZ-Chatham	CHA

Time Zone Name	Time Zone Code
PA-Panama	EST
PE-Lima	PES
PL-Warsaw	CET
PR-Puerto Rico	AST
PT-Lisbon	WET
PT-Madeira	WET
PT-Azores	AZO
PY-Asuncion	PYS
RO-Bucharest	EET
RU-Kaliningrad	EET
RU-Moscow	MSK
RU-Samara	SAM
RU-Yekaterinburg	YEK
RU-Omsk	OMS
RU-Novosibirsk	NOV
RU-Krasnoyarsk	KRA
RU-Irkutsk	IRK
RU-Yakutsk	YAK
RU-Vladivostok	VLA
RU-Sakhalin	SAK
RU-Magadan	MAG
RU-Kamchatka	PET
RU-Anadyr	ANA
SE-Stockholm	CET
SG-Singapore	SGT
SI-Ljubljana	CET
SK-Bratislava	CET
SM-San Marino	CET
SR-Paramaribo	SRT
SV-El Salvador	CST
TR-Istanbul	EET
TT-Port of Spain	AST
TW-Taipei	CST
UA-Kiev	EET
US-Eastern	EST
US-Central	CST
US-Mountain	MST
US-Pacific	PST
US-Alaska	AKS
US-Aleutian	HAS
US-Hawaii	HST
UY-Montevideo	UYS

Time Zone Name	Time Zone Code
VA-Vatican	CET
YU-Belgrade	CET

Contacting Aastra Telecom Support

If you've read this release note, and consulted the Troubleshooting section of your phone model's manual and still have problems, please send inquiries via email to support@aastra.com.

Generic SIP IP Phone

Models 53i, 55i, 57i, 57i CT

2.0 Release Notes

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